

FOLIO

University of Alberta

10 December 1987

Lougheed Urges Scholars to Contribute to Society

Former Premier Peter Lougheed had high praise for the accomplishments and community involvement of the second group of Lougheed Scholarship recipients (the scholarships are the most prestigious undergraduate scholarships on campus).

At a luncheon held recently to honor the winners, Mr. Lougheed said he was pleased that the scholarships help students in the crucial third and fourth years of their academic careers.

Praise was not restricted to the scholars. In introducing Mr. Lougheed, John Schlosser said, "This is a tribute to you, Mr. Lougheed (the University awarded Mr. Lougheed an honorary degree in 1986), and if

they follow your example of enthusiasm, integrity and honesty they will make a great mark on society."

In presenting each recipient with a plaque, Mr. Lougheed emphasized the importance of contributing to society as well as moving ahead academically. "To be involved in your community and to provide leadership is an extremely satisfying experience," he said.

Mr. Lougheed, who teaches a course in political science, pointed out that teaching gives him the opportunity to keep in contact with today's students. "The youth is our future," he commented, "and we must encourage them in every way."

Lougheed Scholarships are

awarded to students who are entering the last two years of a degree program and who show superior academic achievement and community/leadership activities. The scholarships, valued at \$5,000 each, are renewable for the final year of the degree program, subject to satisfactory academic standing.

Lougheed Scholars for 1987-88 are: Monique Breault (Arts), Sheilagh Campbell (Elementary Education), Carmen Ditzler (Physical Education and Recreation), Karen Friskney (Rehabilitation Medicine), Kathlyn Haugen (Faculté Saint-Jean), David Howarth (Arts), Simon Renouf (Law), Jennifer Trumble (Engineering), and Susan Weber (Home Economics). □

Medicine Allots Places for Native Students

Beginning in 1988-89, the Faculty of Medicine can designate up to two positions extra to the regular quota for the MD program.

The special status admission change, approved by General Faculties Council on 30 November, allows Medicine to allocate places for native students.

In the official listing of Faculties with quota restrictions, Medicine's entry now reads: 118 first-year students, 2 first-year native students.

If there are not native applicants in any given year, the two positions will *not* be given to other applicants.

Associate Dean C.H. Harley said it was the Faculty's hope that native graduates would return to their local areas to practise medicine, "but certainly we can't legislate that."

Richard Price, director of the School of Native Studies, termed Medicine's proposal "very necessary in the whole field of native health."

On a sad note, Council was informed of the death of Darcy Tailfeathers, a student who had the potential of becoming the first native medical graduate (see obituary in this issue).

In giving an oral report on the recent activities of the Facilities Development Committee, Vice-President (Administration) Allan Warrack said the University's strategic plan does not involve a lessening of Physical Plant's operations. On the contrary, the physical facility of the University will need to expand, not contract, he told Council.

Historical Note

GFC will likely not meet until 25 January. The meeting will be the 225th since Council was formed in 1966. □

Contents

- National conference to revolve around university research
- Electronic age dicey for humanists bent on publishing
- Update: Endowment and Incentive Fund



Gentleman and Scholars: Peter Lougheed in the company of (left to right) Kathlyn Haugen, Susan Weber, Doreen Sanderson, Simon Renouf, Carmen Ditzler, David Howarth, Monique Breault, Sheilagh Campbell, Tony Williams, Jennifer Trumble, Marie Hostyn, Karen Friskney. Hostyn (Arts), Williams (Arts) and Sanderson (Law) are second-year Lougheed Scholars.

National Conference Organized With Kaplan in Mind

"University Research and the Future of Canada", a national conference in honor of J. Gordin Kaplan, the University's first Vice-President (Research), is attracting some of the most influential residents of the business, political and academic worlds.

The conference, scheduled for 26 to 29 April at the Four Seasons Hotel, will focus on the importance of university research to Canada's economic and social well-being and why such research is an absolute necessity if Canada is to prosper as a nation. Conference organizers, intent on informing the public of the need to fund research, will bring together representative players in all areas of research and development. Topics to be discussed are: the role and value of university research; long-term consequences of underfunding research; avenues for greater private sector participation; and new opportunities for knowledge and technology transfer.

Featured speakers and workshop leaders include: J.A. (Ian) Craig, vice-president, Bell Northern Research; Eric Geddes, Price Waterhouse; Ernie Pallister, president, Pallister Resource Management Ltd.; W.A. Cochrane, CEO, Connaught Laboratories; Prime Minister Brian Mulroney; Alberta Premier Don Getty; Ontario Premier David Peterson (to date

unconfirmed); and university leaders Horowitz, Wagner (Calgary), Naimark (Manitoba), Doré (Ecole Polytechnique Montréal), Cloutier (Montréal), Gervais (Laval), Barber (Regina), Wright (Waterloo), Smith (Queen's), and Johnston (McGill). In addition, the presidents of the Medical Research Council (MRC), Natural Sciences and Engineering Research Council (NSERC), Social

Sciences and Humanities Research Council (SSHRC), National Research Council (NRC), Alberta Heritage Foundation for Medical Research and the Alberta Research Council will also participate in the conference. A number of University of Alberta administrators and academics will be taking part in the four-day conference as well.

"University Research and the

Future of Canada" is organized by our University (Baha Abu-Laba' chairing the organizing committee), and is supported by MRC, NSERC, SSHRC, and Alberta Technology, Research and Telecommunications. Co-sponsors include most Canadian universities and a number of corporations and businesses. □

MacDonald Named to Chair in Palliative Medicine

Neil MacDonald is the first holder of the Alberta Cancer Foundation Chair in Palliative Care at the University of Alberta.

Dr. MacDonald is well-known locally and nationally for his contributions to the care of patients with cancer, most recently as the executive director of the Cross Cancer Institute. He is an MD graduate of McGill University where he received a number of awards and subsequently obtained specialty training in internal medicine. He became a Fellow of the Royal College of Physicians and Surgeons of Canada in 1965.

After six years on staff at McGill University as an active clinician and teacher in medical oncology, Dr. MacDonald moved to

Edmonton in 1971 as executive director of the Provincial Cancer Hospitals Board and Professor of Medicine at the University of Alberta. In 1975, he became director of the Cross Cancer Institute as well as director of the Division of Oncology, Faculty of Medicine, positions which he maintained until 1987.

The Alberta Cancer Foundation Chair in Palliative Care will allow Dr. MacDonald to develop his long-standing interest in palliative

care for patients with advanced malignancy, with a particular emphasis on strengthening clinical research and education for medical, nursing, and other health professionals.

"Under Dr. MacDonald's leadership we look forward to providing a model program in palliative care and related education and research for the people of northern Alberta," says Dean of Medicine Douglas Wilson. □

Between Publishing and Perishing: Academics in the Electronic Age

Electronic publishing may be the cure for academics who fear they'll perish before they get published, says Brahma Chaudhuri (English).

Budget cuts are reducing academic journals, especially in the humanities, he told a multi-disciplinary seminar group on campus (30 November). The refusal rate of articles in the humanities is currently as high as 80 to 90 percent, more than three times the rate for scientific articles.

"Are we to assume scholars in the humanities are wasting their time?" asks the specialist in Victorian literature credited with bringing the University's English department into the electronic age through his advocacy of electronic data retrieval and printing techniques.

Pooling academic resources and establishing faculty-wide electronic research centres could give scholars

in the humanities more control over the publishing process. But entry into this brave new world costs more than just investment in hardware, Dr. Chaudhuri warns.

It takes 80 hours to turn a good data typist into a competent desktop publishing manager. Add to this a hardware investment of more than \$20,000 for a big-memory personal computer and a laser printer, and the prospect is a daunting one in an age of tight budgets.

Meanwhile, the publishing trade is increasingly embracing the new technology. Some publishers are already indicating the computer language format they prefer. One day, they could be asking their authors for "camera-ready" copy. Resist those requests, Dr. Chaudhuri warns academic writers.

"Printing is not our job," he says emphatically. □

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University
of
Alberta

Deadlines:

Notice of coming events: 9 a.m. three weeks in advance of desired publication date.

Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. Three is a maximum limit of 30 words and a minimum charge of \$1.50.

Contributors corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission. **Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to select, edit and position submitted copy. Views expressed in *Folio* do not necessarily reflect University policy.

Folio contents may be reprinted with acknowledgment.

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Endowment and Incentive Fund Releases \$14 Million to University

The AEEIF (Advanced Education Endowment and Incentive Fund) has now been operational for a year and a half and the University of Alberta has applied for \$27,821,570 in matching funds.

In January 1987, the first cheque for \$125,000 arrived to match a contribution from Hurtig Publishers. In June, a list of accepted applications totalling \$8.5 million was received. Since then, an additional \$1.06 million has come in and it's the understanding of the Development Office that the University will receive \$5.6 million by year's end. From the beginning of the AEEIF to December 1987, the University will have received \$14,290,000 of the \$27.8 million it applied for.

The Development Office will be notifying Deans and account holders as applications are approved. However, those who have questions about a particular application are asked to call the Development Office at 432-4418. "Few of our applications have been denied and thus most appear to qualify; however, the delay can be more than a year," says Hal Spelliscy, executive director, Fund Development.

Clearly, the first priority of the AEEIF is donations to endowments which are eligible for the 2:1 match. Books, works of art, and cash gifts to capital or operating projects are eligible for a 1:1 match; gifts-in-kind are eligible for matching up to 50 percent of their appraised value.

Considering the speed at which the \$80 million fund is being consumed, it is advisable not to delay with any potential fund-raising projects, Mr. Spelliscy says.

Equally important, make sure to route all cheques or pledges of support from the private sector through the Development Office. It is photocopies of the cheques which form the principal evidence for the matching applications, he emphasizes.

The incentives in the provincial AEEIF program are clearly effective: in fact, the 2:1 incentive is so extraordinary, Advanced Education is struggling to keep up with the response.

People who live in Alberta are somewhat confused when they read about federal announcements of matching programs for the granting agencies NSERC, MRC, and SSHRC. Although the federal objective is to encourage private sector support of research in Canadian universities, the

approach differs from that of AEEIF. Instead of directing matching private donations to universities, the federal government has requested that the University of Alberta provide information on the annual level of private support for research. Government then allocates additional funds to NSERC, MRC, and SSHRC based on that information.

In short, the budgets of the three granting Councils can only be increased beyond their 1985 levels by proving private sector support of projects in their program areas. Since the Councils have not traditionally been involved with soliciting private support, they have to rely on the universities. The mechanism is: Universities solicit private support, collect the data, and send it to the Councils which then apply to the federal treasury for matching funds. Most of the matching funds are added to the Councils' general budgets which are distributed via the peer review system.

The system is complicated and the incentive for universities indirect, Mr. Spelliscy feels.

NSERC and SSHRC, through their General Research Grant program, will turn back to each institution a percentage of the value of private support received by researchers at that institution. (At the University of Alberta, the

General Research Grant is allocated through the Central Research Fund.)

SSHRC has created a new program. The Canada Research Fellows (there are currently seven at the University of Alberta) are funded by private support raised by the host institution (50 percent) and by federal matching dollars (50

percent). In addition, NSERC's University-Industry Program is based on corporate contributions which are matched.

For more information on the federal matching programs, contact the Office of Research Services.

The University of Alberta has recently forwarded to the Councils its 1986-87 submissions. □

Bustle's Boom and Bust Displayed on Campus

For a period of 20 years late last century, the bustle brought the hips of European and North American women back into view. Michael Marendy (Clothing and Textiles) is studying this fashion phenomenon.

"Bustles first appeared in the late 1860s when they took the wire hoops out of the crinoline," he explains. The bustle evolved as a support system for the skirt's resulting fullness, the brainchild of Parisian couturiers, to whom the wives of the rich flocked.

Undress a Victorian woman and you'll get an idea of how female physical freedom has changed in a century. Chemise, drawers, corset, bustle, petticoat, corset cover, foundation skirt, drapery and bodice caused the fashionable

Victorian woman to walk tilted forward, back immobile, Marendy says.

After reaching its peak around 1885-86, the bustle gradually fell from favor, due primarily to two influences: an aesthetic movement that urged a return to Grecian simplicity of line, and the emergence of the suffragette movement.

There were sporting reasons too, says Marendy. "Women began to take up yachting, rowing, playing tennis and riding bicycles. And you can't bicycle with a bustle."

"Back to the Bustle: A Historical Look at Bustled Fashion" is on display downstairs in the Home Economics Building until 31 January, from 7 a.m. to 6 p.m. Free. Call 432-2528 for more information. □

Mathematical Association of America Honors Klamkin

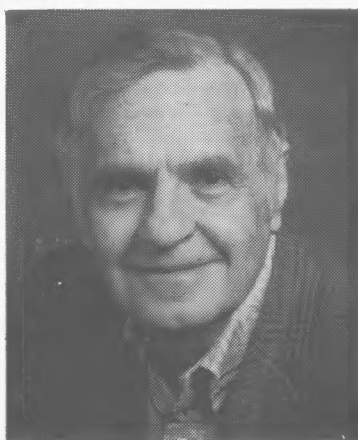
The new year will have an auspicious start for Murray Klamkin.

The professor of mathematics will be in Atlanta 8 January to receive the Award for Distinguished Service to Mathematics for 1988.

The award is given annually by the Mathematical Association of America, and the recipient's contribution "should be such as to influence significantly the field of mathematics or mathematical education on a national scale." ("National scale" does not refer to any particular nation.)

The award, initiated in 1962, consists of \$1,000 and a certificate.

Dr. Klamkin's professional experience began in 1948 at the Polytechnic Institute of New York. He taught at Buffalo and the University of Waterloo and was visiting professor at the University



Murray Klamkin

of Minnesota.

He left academia in 1965 (he was principal research scientist for the Ford Motor Company) and returned in 1974 as professor of applied mathematics at the

University of Waterloo.

Dr. Klamkin joined the University of Alberta in 1976 as chairman of the Department of Mathematics.

From 1975 to 1984, Dr. Klamkin coached the USA International Mathematical Olympiad team.

He is a Fellow of the American Association for the Advancement of Science. □

Holiday Publishing Schedule

Folio will not publish on 24 and 31 December and on 7 January. Deadlines for the next issue—14 January 1988—are 9 a.m. (copy) and 3 p.m. (advertisements) on Thursday, 7 January. □

The Search for New Superconducting Materials

A physicist experiments with ingredients and methods to produce a material that will be the ideal superconductor. Future benefits could be far reaching—but don't hold your breath.

Physicist Jurgen Franck and his small group of researchers at the University of Alberta are racing with scientists all over the world to create a new breed of ceramic superconductors.

A superconductor is a material that, when caused to become extremely cold, loses all resistance. Electricity can flow through it with no loss of power. This is a valuable property in power cables, for instance, allowing energy to be transmitted without power loss. (Superconductors also generate a powerful magnetic field.)

A few months ago, temperatures below minus 250 degrees Centigrade had to be reached before superconductivity was observed. But cooling a material down to these low temperatures is an expensive business. It takes liquid helium, which is scarce as well as costly.

A great advance was made recently when researchers created a compound that was fully superconducting at around minus 180 degrees Centigrade. This degree of cooling can be achieved by using liquid nitrogen, a medium that's cheaper than milk by the gallon and easily available.

"From a fundamental point of view of physics, superconductivity is an extraordinary phenomenon," says Franck. "Even a ball thrown through the air generates friction. With superconductors we have electrons going through a very dense material without any loss of energy at all. This is almost inconceivable."

Every day in his lab Franck is making superconductors from new formulae, systematically varying composition and production methods, looking for the combination that will produce a viable superconductor able to work at temperatures much higher than used to be thought possible.

The basis for Franck's experiments is yttrium used as an oxide, barium used as a carbonate, and copper used as an oxide. "We are trying different proportions of these ingredients—and putting in some other things," says Franck. "They are mixed up together, compressed and then fired in a high-temperature oven to make ceramic pellets. We are 'baking' them in different ways and cooling them at different speeds."

The result is a mixture of compounds in one pellet. One of these compounds is usually superconducting. Unfortunately, the others are not.

If researchers could hit on the right ingredients, proportions and method, the pellet would consist of the one, ideal compound.

"The combinations are limitless," says Franck. "We mix, bake, test, analyze—and try again. There are very many obstacles to overcome. But from a practical point of view, there will be many applications. They may not come as fast as people in their enthusiasm originally thought. At present it appears that thin film devices will be the first to find technological applications. But there is no doubt in my mind that there will be many more applications."

Dr. Franck's work is supported by the National Research Council of Canada.*□

**Reprinted from Research Report, published by the University's Office of Public Affairs.*

Selection Committee for Dean: Faculty of Dentistry

An Advisory Selection Committee has begun its search for a Dean of the Faculty of Dentistry. The appointment will take effect 1 July 1988 or as soon as possible thereafter. The current Dean has advised that he will not be a candidate for the position. Suggestions of possible candidates and assessments of the leadership needs of the Faculty are invited.

Nominations or applications for the position, accompanied in the latter case by a detailed résumé of qualifications and experience, and the names of three references, should be submitted by 1 February 1988 to: Dr. J. Peter Meekison, Vice-President (Academic), Third Floor, University Hall, University of Alberta, Edmonton, Alberta T6G 2J9.

Letters

The 'Modern Day Neroes' of COWCUP

■ I read with extreme interest the article, "University Leaders Keep COWCUP Brimming with High Spirits", in the 26 November 1987 issue of *Folio*. My interest, however, was not derived from pleasure with its content, but rather from an appreciation for the insight it provided to me of the *modus operandi* of some "university leaders", in particular western Canadian university presidents.

I cannot help but contrast the juvenile attempts at sophomoric humor, which the university presidents were reported to engage in at their meetings, with the serious problems facing the universities and the serious realities of cost containment, overenrolment, etc. faced daily by the "front-line" academics, who are diligently trying their best to accomplish their academic mission. Truly, it appears as though "modern day Neroes" continue to "fiddle while Rome burns".

Only an academic who has not had enough funds to attend a particular conference, or who must pay for common supplies out of a research grant, or who must collect "fees" from students for the xeroxing of course materials, would appreciate the extreme irony in the article's paragraph:

"They know how to have a good time. At one meeting in Victoria the members were all enjoying their pleasant hotel rooms so much they decided to plug into a telephone conference call and hold their first morning meeting from their beds".

Marie Antoinette would have been proud of these individuals.

In fairness, I must add that the article stated, and I certainly concur, that it is not all fun and games for the university presidents. In fact, I would say that, for the most part, they work extremely hard at doing their best for the universities. However, they appear to be out of contact with the reality of the academic who is trying, sometimes against virtually impossible odds, to do his or her best at teaching, research and scholarly endeavors, and community service. These academics, who are deeply committed and taxed to the hilt, have neither the time nor money to optimally meet their academic responsibilities let alone to engage in the reported frivolities of the university presidents. Yet many, perhaps most, central university administrators are either unaware of the plight of the academic or unwilling to do anything positive about it.

It is, however, these academics, not the buildings or grounds or robes and ceremony, who are the lifeblood of the university. While the modern-day Neroes continue to fiddle, the Rome of the universities burns. Scholarship decreases, students are subjected to inferior teaching, and academics with tremendous potential go through burnout. This plight cannot be reversed by hiring new academics to replace the old, nor by subtle attempts at camouflage or media distortion.

We, academics, students, and administrators, must not allow the situation to continue unabated. We must not allow apathy or our frustrations to stop us from working together to open the lines of communication and to rebuild the Rome of the universities. For those who have already worked hard for this purpose or who think that the task will be easy, I would paraphrase Robert Frost, "we have promises to keep and miles to go before we sleep".

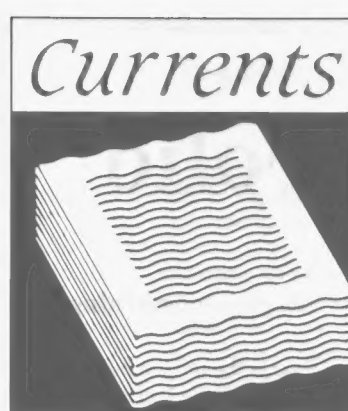
The task will not be easy. The stakes are significant and will require each of us to dedicate or rededicate ourselves to unabatedly and steadfastly seeking out and fostering *Quaecumque vera* regardless of the cost.

Louis A. Pagliaro
Pharmacy and Pharmaceutical Sciences



Quarterly Wins

Office of Public Affairs quarterly promoting the scholarly work of humanists on campus has won a merit award from the International Association of Business Communicators. Q and A's first anniversary issue is now on its way to 1,000 journalists, educators and politicians. Since its first issue in the spring of 1987, the quarterly has profiled the work of two dozen U of A scholars, on topics from Chernobyl and Canada's Arctic sovereignty, to wild west novels and the rebuilding of Shakespeare's Globe Theatre in London.



Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the Faculty of Extension is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee (11 to 14 January 1988). In preparation for this second phase, PACCR invites written comment prior to 8 January 1988.

Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee. Submissions should be sent to: Mrs. Shirley Moore, Coordinator, PACCR Office, W4-13 Chemistry Building, Attention: The Unit Review Committee.

Nominations Invited for Faculty of Arts Undergraduate Teaching Awards

In the interests of recognizing excellence in teaching and to encourage teaching of the highest quality, the Faculty of Arts gives up to three Undergraduate Teaching Awards annually. The Faculty of Arts Undergraduate Teaching Awards Committee is interested in receiving nominations for this award. Permanent staff with at least five years of full-time teaching experience are eligible. Nominations can be made by students, colleagues and/or department chairpersons. Because each department is permitted only one nomination and documentation is required, interested persons should discuss possible nominations with the appropriate department chairperson.

The deadline is 15 January 1988. The committee also selects from the nominations it receives the Faculty of Arts' nominees for the University's Rutherford Awards for Excellence in Undergraduate Teaching.

Darcy Tailfeathers, 1962 - 1987

The Faculty of Medicine and the University of Alberta were saddened by the tragic loss of a promising young student.

Darcy Tailfeathers, who would in all likelihood have been the first native graduate of the Faculty, died in an automobile accident on 22 November.

Mr. Tailfeathers, who had just turned 25, was returning from a hunting trip when the vehicle driven by a member of the medical faculty hit a patch of ice and rolled. The other man was not seriously injured.

Mr. Tailfeathers grew up on the Blood Reserve just north of Cardston. He completed high school in Cardston although he took a portion of his grade 11 and 12 education in Lethbridge in order to take advantage of the hockey program in that city. Upon completion of grade 12, he received the Willie Littlechild Award given to the outstanding native student in Alberta based on academics, athletics and community

involvement. He was also selected as the sole representative from Alberta at the Young Indian Achievers meeting at the National Indian Brotherhood Conference.

Mr. Tailfeathers did his pre-medical studies at Brigham Young University on a hockey scholarship and was admitted to the University of North Dakota School of Medicine in 1985. He returned to Alberta to be close to his family and started his third year of medicine at the University of Alberta this fall. He was a valued member of the Faculty of Medicine Native Health Care Career Committee which was recently formed in order to develop a program to encourage native students to pursue careers in medicine. He will be sorely missed by the Faculty, his fellow students and the native community of Alberta.

Mr. Tailfeathers leaves a wife and three children aged 5, 4 and 14 months, as well as his mother and father and five siblings in

Cardston. The Faculty of Medicine has started a fund on behalf of his family and is planning an award to honor his memory. Donations and enquiries should be addressed to Anne-Marie Hodes or Silvia Franklin, Student Affairs Office, Faculty of Medicine, 2J2.11 Walter C. Mackenzie Health Sciences Centre, 432-6350.

United Way: Our Score

By the time the campus campaign for United Way closed on 3 December, contributions totalling \$107,561.58 had been received from 534 generous donors.

Campaign organizers, and the charities who will put to good use the funds raised, acknowledge this support with a whole-hearted 'Thank you!'

Donors who specified that a particular charity was to receive

their gift may be wondering whether their donation really did go where they wanted it to.

"Yes, it certainly did," says Anne Fox, the good fairy in the Comptroller's Office who handles payroll paperwork for this good cause, and who takes particular care in such cases to ensure that gifts do go where the donors direct.

Folio

Display Advertising

Folio is the official news publication of the University of Alberta, published every Thursday throughout the year (except for July and August when it appears bi-weekly). It has a regular distribution of 9,000 of which 7,800 copies are circulated to teaching and support staff, to graduate students and to other interested people on campus. The remaining copies are sent to provincial and municipal government personnel, news outlets, and businesses and people off-campus.

Sizes and rates

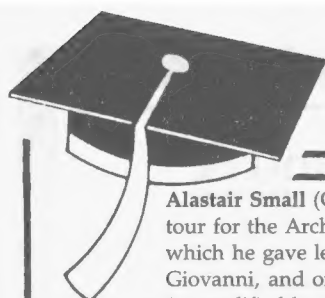
The basic unit size is 27 agate lines x 23 picas (3 7/8" x 2"). The full page is divided into 10 such units, any combination of which is available at a cost of \$35 per unit (minimum 1 unit). Half page cost: \$175. One column cost \$87.50. There is a 15% discount for University departments. A 10% discount is offered for five or more consecutive insertions.

Other specifications

Half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is necessary; there is a charge of 30¢ per word for typesetting, and \$7.50 for adjustment of design work.

Deadlines

Deadline for submission is 3 p.m. one week in advance of desired publication date. Acceptance of advertisements and positioning are at the discretion of the Editor. For more information, telephone (403) 432-2325 and ask about *Folio* display advertising, or write to: *Folio* Display Advertising Office of Public Affairs 423 Athabasca Hall University of Alberta Edmonton, Alberta T6G 2E8



Activities

Alastair Small (Classics) has just completed a lecture tour for the Archaeological Institute of America in which he gave lectures on the Late Roman villa at San Giovanni, and on the portrait types of Antonia Minor (exemplified by the head in the foyer of the

Department of Classics) to the Local Societies of the Institute in Niagara Peninsula, Rochester, Finger Lakes and Cleveland. He also lectured on the sculptures of Antonia to the Department of Classics at McMaster University . . . M.F.R. Smith (Physical Education and Recreation) has been named the first chairman of the review board of the Canadian Registry for Sport Behavioral Professionals. Professor Smith was in Calgary recently working with members of New Zealand's Olympic bob sled team . . . Wilf Allan (International Student Affairs) is just back from Nepal where he gave a seminar in Katmandu on "Approaches to International Education in Canadian Universities" for staff of the Research Centre for Educational Innovation and Development (CERID) at Tribhuvan University which has a student enrolment of 60,000 . . . Michael Gibbons has been appointed to the Winspear Foundation Distinguished Chair in Professional Accounting.



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Noseworthy Directing Division of Critical Care Medicine

Thomas W. Noseworthy has been appointed director of the Division of Critical Care Medicine, Faculty of Medicine.

Dr. Noseworthy obtained his MD from Memorial University of Newfoundland and became a Fellow of the Royal College of Physicians and Surgeons of Canada in internal medicine in 1979. Following training in intensive care medicine, he joined the staff of the Royal Alexandra Hospital and the University of Alberta in 1980. He is currently chief of the Department of Adult Intensive Care at the Royal Alex and Associate Professor of Medicine at the University of Alberta. Dr. Noseworthy recently

returned from a study leave at the Harvard School of Public Health where he undertook a Master's of Public Health - Health Policy and Management Program.

The Division of Critical Care Medicine brings together specialists in a variety of fields, including pulmonary medicine, infectious diseases, general surgery, anesthesiology, and pediatrics, who provide medical leadership for intensive care units in the University of Alberta Hospitals, the Royal Alexandra Hospital, the Misericordia Hospital, the General Hospital (Grey Nuns) of Edmonton, and the Charles Camshell Hospital. These intensive

Correction

Folio of 26 November 1987 (page six) stated that when A.S. Knowler retires, his successor will hold position of Associate Vice-President (Finance) and Comptroller. Not so. A.M. Rennie is and will continue to be Associate Vice-President (Finance). Mr. Knowler's successor will take up the position of Associate Vice-President and Comptroller. □

care units provide highly specialized care for critically ill patients from northern and central Alberta and the Northwest Territories. □

Successful Final PhD Oral Examinations

Name	Department	Final Thesis Title
Gurupadappa V. Betageri	Pharmacy and Pharmaceutical Sciences	"The Liposome as a Model Membrane System in Quantitative Structure-Activity Relationships (QSAR)"
William M. McGinley	Civil Engineering	"Masonry Veneer Wall Systems"
Satya Srinivasa Murthy	Pharmacy and Pharmaceutical Sciences	"Chemistry and Pharmacology of 1-Azaxanthones"
Knut Olaf Niemann	Geography	"DEM Drainage as Ancillary Data to Enhance Digital LANDSAT Classification Accuracies"
Lahoucine Ouzgane	English	"'Desire' in <i>Sister Carrie</i> , <i>The House of Mirth</i> , and <i>The Portrait of a Lady</i> "
Patricia Noreen Shaw	Educational Psychology	"Memory Function in Multiple Sclerosis"
Nguyen Thanh-Thi	Food Science	"Formation of Flavor Nucleotides in Vegetable Processing"
Suey Yee	Educational Psychology	"Efficacy of Imagery and Biofeedback in Hand Temperature Training"

Talks

Applied Mathematics Institute

11 December, 9:30 a.m. Mark Davis, Imperial College, London, "Optimization of Markov Models."
11 December, 11 a.m. Bjorn Engquist, University of California, "Modern Directions in Scientific Computing."
Both lectures in 106 V-Wing.

Plant Science

15 December, 9 a.m. Léonie Nadeau, "The Root System of Canada Thistle (*Cirsium arvense*): Nitrogen Effects on Root Bud Dormancy."
1-06 Agriculture-Forestry Centre.

Anatomy and Cell Biology

15 December, 4 p.m. Gordon Laurie, Visiting Associate, Laboratory of Developmental Biology and Anomalies, National Institute of Dental Research, Bethesda, Maryland, "The Synthesis and Organization of Basement Membrane."
5-10 Medical Sciences Building.

Economics

16 December, 3 p.m. R. Tamaschke, University of Queensland, "Trade, Growth and Policy Formulation in a Small Open Resource Economy."
8-22 Tory Building.

Sociology

17 December, noon. Joseph Mangalam, Dalhousie University, "An Ezhuva Wedding Ceremony in Kerala, India."
5-15 Tory Building.

Physics

17 December, 2 p.m. Horst Meyer, Duke University, "Quantum Diffusion in Solid Hydrogen."
631 Physics Building.

The Arts

Exhibitions

Bruce Peel Special Collections Library

Until 29 January. "Four Centuries of Milton's 'On the Morning of Christ's Nativity.'" Early and illustrated editions, including watercolors by William Blake. Also on display: "Myths and Legends of the American Indian from the Javitch Collection." Hours: 8:30 a.m. to 4:30 p.m. Monday through Friday. Closed weekends.
B-7 Rutherford South.

Mullen Gallery, Mackenzie Health Sciences Centre

December. "British Watercolours."

FAB Gallery

Until 13 December. "Selected Student Work: Visual Fundamentals Winter Session 1987."

Ring House Gallery

Until 13 December. "Disrupted Lives: Children's Drawings from Central America."

Music

15 December, 8 p.m. Marnie Giesbrecht-Segger, organ.
Convocation Hall.

Théâtre Français d'Edmonton

11 and 12 December, 8 p.m., and 15 December, 3 p.m. "La Vie Après Le Hockey (Life After Hockey)." 469-0829.

Sports

Gymnastics

13 December, 2 p.m. Pandas vs. Calgary.

Basketball

29 December, 7:30 p.m. Pandas vs. Winnipeg.
30 December, 4 p.m. Pandas vs. Winnipeg.

Positions

The University of Alberta is an equal opportunity employer.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Chairmanship, Department of Recreation and Leisure Studies

Applications are invited for the position of Chairman of the Department of Recreation and Leisure Studies, which will become vacant 30 June 1988. It is expected that candidates will hold a PhD or equivalent qualifications, as well as have considerable experience in teaching, research, and administration in an academic environment. The ideal candidate will appreciate the need to continue to develop and strengthen relationships with the recreation profession as well as to build a positive and supportive teaching environment, and strong research and communication programs in Recreation and Leisure Studies.

Applications will be treated in confidence and will be accepted until 29 February 1988. Please submit applications to the Office of the Dean, Faculty of Physical Education and Recreation, W-34 Van Vliet Centre, University of Alberta.

As a consequence of current fiscal constraints within the University of Alberta, applications will only be accepted from tenured or tenure-track members of the Faculty of Physical Education and Recreation.

Summer Session Instructor, Department of Elementary Education

The Department of Elementary Education is seeking an instructor for Summer Session 1988 (4 to 15 July) to teach Ed C1 433: Orff Schulwerk, Level II. Qualifications should include: extensive understanding of the

psychological, philosophical and pedagogical significance of the ideas of Carl Orff; experience in active and creative music teaching based on the principles of Carl Orff; composition using the Orff instruments; experience teaching elementary school age children using the methods of Carl Orff. Responsibilities for instruction include both lectures and laboratory instruction. Salary at the professor level is \$2,676.

Closing date for accepting applications is 1 February 1988. Applications, accompanied by *curriculum vitae* and relevant scholarly papers, should be sent to: Dr. Warren D. Wilde, Chairman, Department of Elementary Education, University of Alberta, Edmonton, Alberta T6G 2G5.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 4 December. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Steno III (Half-time), Faculty of Business, (\$1,366-\$1,716) (pro-rated)
Secretary (Half-time), Mathematics (Applied Math Institute), (\$1,522-\$1,945) (pro-rated)
Administrative Clerk, Plant Science, (\$1,522-\$1,945)
Distribution Clerk, Materials Management, (\$1,580-\$2,027)
Security Officer, Campus Security, (\$1,716-\$2,208)
Technician I (Trust), Pediatrics, (\$1,580-\$2,027)
Administrative Assistant I (Trust), Legal Resource Centre, (\$1,945-\$2,510)
Administrative Assistant I, Faculty of Extension, (\$1,945-\$2,510)
Biochemistry Technologist I (Trust), McEachern Laboratory, (\$1,945-\$2,510)
Biology Technologist I (Part-time, Trust), Genetics, (\$1,945-\$2,510) (pro-rated)
Pharmacist (Part-time), University Health Service, (\$2,115-\$2,741) (pro-rated)
Public Relations/Publications Assistant III, Printing Services, (\$2,115-\$2,741)
Accounting Supervisor, Comptroller's Office, (\$2,115-\$2,741)
Technologist II (Part-time, Trust), Genetics, (\$2,115-\$2,741) (pro-rated)
Programmer Analyst III, Library, (\$2,741-\$3,579)
Programmer Analyst III-IV, Computing Services, (\$2,741-\$4,289)

For vacant Library positions, telephone 432-3339.

Advertisements

Accommodations available

Sale - \$37,500. University. Two-bedroom condominium. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - Secluded, treed acreage with nice bungalow. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - University area. Renovated, 1 1/2 storeys, four bedrooms, possible suite. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - Foreclosure, handyman's special. Good floor plan. Four bedrooms. Chris Tenove, 433-5664, 436-5250. Spencer Realty.
Sale - City lots, \$39,750-\$67,500. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Rent - Charming home near University and downtown. Mature trees, fenced garden, two bedrooms, den with balcony. Living, dining and family rooms. Appliances. Available January or February. \$900. 488-7627, call anytime.

Rent - One- and two-bedroom flats in Harley Street, London, long or short occupancy till summer 1988. 011-44-1-580-0731 (noon).

Sale - Belgravia, four-bedroom semi. \$105,000 plus a penny. This super country kitchen not for a loner. 452-2052 will get you the owner.

Sale - By owner. Parkallen. Immaculate, three-bedroom bungalow, south-facing yard, hardwood floors, developed basement, double garage. 437-4888.

Rent - Riverbend. Terwilligar Heights. Furnished bungalow, four bedrooms, 2,000', main-floor family room with fireplace. \$1,000/month. 1 January-30 June. Western Relocation, 438-1044, 435-5389.

Rent - Riverbend. Two storeys, furnished/unfurnished, ten minutes from campus, 2,700', four bedrooms, 2 1/2 baths, den, large sunny kitchen. Available 7 January-31 July 1988. \$1,250/month. Western Relocation. 438-1044.

Sale - Deluxe condominium. \$77,900. Super University-area location. Appealing, multi-level design. Fireplace, European cabinets, sunshine ceiling in kitchen. Two spacious bedrooms. Underground parking. Phone Joy Murray, NRS Realty Centre, 438-6111.

Sale - Just listed! Traditional, two storeys, five bedrooms, large sun room, 1/3-acre lot. Riverbend cul-de-sac location. \$179,000. Exclusive! Liz Crockford, Spencer Real Estate, 436-5250, 434-0555.

Rent - University area. Furnished, one-bedroom suite. Clean, quiet, \$450. 433-6024.

Rent - Three-bedroom house, \$700/month. Close to University. 433-3300.

Rent - Three-bedroom, furnished house, 86 Ave. 108 St. Available 1 January. 434-9163 after 6 p.m.

Sale - Truly exceptional two-storey, Blue Quill. Bus to U of A. Perfect condition, very tastefully decorated. Too many special features to list. \$164,900. Quick possession. Hugh, Spencer Realty, 436-5250.

Accommodations wanted

MacEwan College instructor available to house-sit January to May. 468-4520, 483-2367, 434-1696.

Goods for sale

Sale: Christmas trees, 5-21 December. Hours: weekdays, 12-9 p.m.; weekends, 10 a.m.-9 p.m. Corbett Hall, 82 Ave. 114 St. Presented by University of Alberta Forest Society. Framed Robert Bateman prints. Loons, merganser, snow leopard, pheasant, rabbit. Phone 432-9489 evenings. One lion skin, African antelope skins, African artifacts. 487-5273 evenings. Free puppies. Golden Retriever-Black Lab cross. Ready by 20 December. Days 432-2195. Evenings 464-3475.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.
Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Ave. 436-8059.
City Secretarial Service. Word processing, typing, electronic

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